

**AMENDMENTS TO THE DRAWINGS**

Please replace the formal drawing sheet 8 containing Figure 9 previously submitted with the replacement sheet 8 submitted herewith.

Please replace the formal drawing sheets 10-15, 17 and 18 previously submitted with the replacement sheets 10-15, 17 and 18 respectively submitted herewith.

Figure 9 on replacement sheet 8 has been relabeled so that the circuit on the left is now Figure 9A, and the circuit on the right is now Figure 9B. In addition, Figure 9B has been amended to add Label K1 to refer to the single magnetic pickup. Figure 9B has also been amended to include the label "Prior Art" to describe the circuit. The "conventional multi-pole circuit" shown is described in the specification on page 18, lines 4-6, which has been amended to change label "K" to "K1" to avoid confusion with Label K in Figure 15. The specification has been amended to replace Figure 9 with Figure 9A and/or Figure 9B as necessary.

Figure 11 on replacement sheet 10 has been amended to change "A" to "A1." The specification has been amended accordingly.

Figure 12 on replacement sheet 11 has been amended to change "A" to "A2." The specification has been amended accordingly.

Figure 13 on replacement sheet 12 has been amended to change "A" to "A3"; "B" to "B3"; and "C" to "C3." The specification has been amended accordingly.

Figure 14 on replacement sheet 13 has been amended to change "A" to "A4"; and "B" to "B4." The specification has been amended accordingly.

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Figure 15 on replacement sheet 14 has been amended to change "A" to "A5"; "B" to "B5"; and "C" to "C5." The specification has been amended accordingly.

Figure 16 on replacement sheet 15 has been amended to change "A" to "A6"; and "B" to "B6," The specification has been amended accordingly.

Figure 18 on replacement sheet 17 has been amended to change "A" to "A7"; "B" to "B7." The specification has been amended accordingly.

Figure 19 on replacement sheet 18 has been amended to change "A" to "A8"; and "B" to "B8." The specification has been amended accordingly.

The drawings have been amended in accordance with 37 CFR 1.121(d). No new matter has been introduced to the specification by the amendments to the figures, support for which can be found in the specification as discussed in the Remarks section of this paper.